Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 17 Aug 2022 until 23:59 on Thursday 18 Aug 2022

Forecast Issued on Tuesday 16 Aug 2022 at 14:44

Confidence: Medium for speed of retreat of early damp conditions southwards on Wednesday and persistence of cloud in its wake. Higher for changeable theme thereafter, with more seasonal temperatures and bouts of rain.

Headline for Wednesday 17 Aug 2022: Damp and cloudy to start, gradually becoming drier and perhaps brighter later.

Mountain weather hazards on Wednesday 17 Aug 2022

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m

Time	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	Light rain	Light rain	Drizzle	Cloudy	Cloudy	Cloudy	Cloudy	Partly cloudy (night)
Precipitation probability	60%	30%	30%	20%	10%	10%	10%	10%

Forecast for Wednesday 17 Aug 2022

Weather: Overnight rain and surviving more showery bursts should ease towards daybreak, with cloud starting the day over higher ground. Becoming drier and brighter through the day, although cloud should prove rather stubborn above the height of the peaks, with the highest chance of some brighter intervals arriving in the north late on.

Chance of cloud-free hill tops above 600m: 40 improving 70%.

Low cloud and visibility: Broken cloud should affect ground above 400 metres first thing, however this should lift clear by mid-morning. Visibility may be moderate at first in prevailing drizzly rain, but should improve to become very good.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Wednesday 17 Aug 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 NE	20/29 NE	21/30 NE	20/29 NE	16/24 NE	12/19 NE	10/15 NE	9/15 E	7/10 SE
300	17/30 NE	18/30 NE	18/30 NE	18/30 NE	15/23 NE	11/18 NE	9/14 NE	6/13 E	4/6 E
Valley	19/36 NE	19/36 NE	18/35 NE	16/31 NE	12/22 NE	9/17 NE	7/14 NE	8/16 E	5/9 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	10/6	9/6	10/7	13/10	14/12	14/12	11/9	10/9
300	12/9	12/9	12/9	13/10	16/13	17/15	17/15	14/13	12/12
Valley	13/10	12/9	12/9	14/11	18/15	19/17	18/16	14/13	13/12
Freezing Level*	2800m	2800m	2800m	2900m	2900m	2900m	2800m	2700m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Early brisk winds down to valley level and intermittent rain will make for more notable windchill than of late, especially when taken with lower temperatures – both generally and falling with height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 16 Aug 2022	N/A	N/A	N/A

Forecast for Thursday 18 Aug 2022

Weather: A drier and brighter day with light winds and some hazy sunshine for a time, with high cloud thickening and lowering later, probably preceding a spell of rain later in the evening. A warmer day than through midweek on the whole, with high UV, heat stress under exertion and adequate water once again main concerns.

Maximum wind: Strengtheing southwesterly 25mph.

Chance of cloud-free hill tops above 600m: 90%.

Low cloud and visibility: The Park most likely free of low cloud. Very good visibility generally, deteriorating in late rain.

Temperature: **Valleys:** Locally plus 7 degrees, rising to plus 24 degrees Celsius.
At 600m: Plus 14 degrees Celsius.
Freezing level: Well above the peaks.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.